□□□□□□□□□

□□□□□□□ □□□□, □□□□ □□□□□□□ (Creature Archetypes), □□□□□□□□□□□□□□□ □□□□□□□□

□□□ □□□□□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□ □□□□□ □□□□□□□□□□□□□□:

□aterpillar-□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□□□□□□□□.
□□□ □□□□□□□□ □□□□□□□□ □□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□. □□□□□□□□
□□□□□ □□□□□□□ □□□□□□□□□□□□□□□□□. □□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□□□□ □□□□□□□ —
□□□□□□□ □□□□□□□□ — □□□□□□□□□□□□□□□□□. □ □□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□.

□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□. □□□ □□□□□□□□□□□ □□□□□□□□□□□□□□□□□
□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□ □□□□□□□□□□ □□□□□□□□□. □ □□□□□□□□□—
□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□ □□□□□□□□□□ □□□□□□□—□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□.

□□□□□□□□□□ - □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□

□□ □□□□□□□□□□ — □□□□□□□□□ □□□□□□□□ **κάθαρσις (Katharsis) - □□□□□□□□□□□.**
□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□.

□□□□□□□□□□□ □□□□□ □□□□□□□□□□□□□□□□, □□ □□□□□□ □□□□□□□□□□□ □□□□□□□□□□□□□□□□.
□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□. □□□□□ □□□□□□□□□□□□□□□□□□
□□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□□□□□□□□□□□

[illegible] [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible], [illegible] [illegible], [illegible], [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
[illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible], [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible].
[illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible], [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible].
[illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

		□□□□□□□□□.

Глава 2 — Полный цикл: превращение гусеницы в бабочку

Краткий ответ — Полный цикл развития насекомых называется метаморфозом. Различают полный метаморфоз с куколкой и неполный без неё.

Превращение гусеницы в бабочку (holometabolous metamorphosis) является одним из самых удивительных биологических процессов в природе. Этот процесс включает полное разрушение одной формы организма и создание совершенно новой.

Большинство людей знают, что гусеница превращается в бабочку, однако немногие знают, как именно это происходит. Это удивительный процесс, который занимает около недели. Этот процесс называется метаморфозом. Слово греческое, переводится примерно, как 'изменение формы' Однако существует несколько различных типов метаморфоза, это зависит от конкретного вида насекомого.

Гусеница питается постоянно. Ее единственная задача расти быстро, накапливать энергию — питательные вещества, необходимые для превращения. Гусеница откладывает яйца. Гусеница питается постоянно. Ее единственная задача расти быстро, накапливать энергию — питательные вещества, необходимые для превращения.

Гусеница, вылупившись из яйца, начинает есть. Ее задача накопить питательные вещества. Ее челюсти, сильные, грызут листья, поедают растения, растут быстро. Гусеница питается постоянно.

Стадия развития	Что происходит
Гусеница (caterpillar) вылупляется из яйца. Ее единственная задача — есть и расти. Она питается постоянно. Ее челюсти сильные, грызут листья. Гусеница растет быстро, накапливает энергию — питательные вещества, необходимые для превращения.	Гусеница ищет подходящее место, прикрепляется к ветке и сбрасывает кожу. Под ней образуется куколка. Внутри куколки происходит удивительное. Ее тело разрушается — ферменты растворяют мышцы, органы. Но не полностью. Некоторые клетки — группы клеток, называемые имагинальными дисками, сохраняются. Они содержат информацию о будущем теле бабочки.
Внутри куколки клетки имагинальных дисков начинают делиться. Они используют питательные вещества, оставшиеся от гусеницы. Из одной клетки получаются миллионы. Они организуются в новые органы. Крылья, ноги, усики, глаза, хоботок — все это формируется из этих клеток. Процесс занимает от нескольких недель до нескольких месяцев —	Куколка неподвижна. Она кажется мертвой. Но внутри кипит работа. Гусеница превращается в бабочку. Это занимает от нескольких недель до нескольких месяцев. Температура влияет на скорость. Чем теплее, тем быстрее. Куколка защищена твердой оболочкой. Она может быть гладкой, шероховатой, иногда с шипами. Цвет куколки часто маскирует ее в окружающей среде.

[illegible]	[illegible]
[illegible]	[illegible] Compromise [illegible]

[illegible] 3 — [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible], [illegible]. [illegible] [illegible]. [illegible] - [illegible] [illegible] [illegible]. [illegible]: [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible]. [illegible] — [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] 2,000–3,000 [illegible] - [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

	□□□□□□□□□□□□□□□□), □□□□□□□□ □□□□ (□□□□□□□□ □□□□□□□□□□), □□□□□□ □□□□□□□□□□□□□ (□□□□□□□□□ □□□□□□□). □□ □□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□: □□□□□ □□□□□□□□□□□□□□□□□□, □□□□□□□□□□□□ □□□□□□.

II. □□□□□□□□□□□ - □□□□□ □□□□□□□□□

□□□□□□ (dragonfly) □□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□ □□□□□□ □□□□□ □□□□ — □□□□ □□□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□ — □□□□□ □□□□□□□□□□□□□□□□. □ □□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□□□ □□□□ □□□□□□□□□□: □□□□ □□□□□□□□□□□□□□, □□□□□ □□□□□□□□□□, □□□□□□□ □□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□. □□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□, □□□□ □□□□ □□□□□□□□□□□ □□□□□□ □□□□□, □□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

[illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible]	[illegible] [illegible] [illegible]
[illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] - [illegible] [illegible] - [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible]. [illegible] — [illegible], [illegible], [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

IV. [illegible] (The Cicada) — [illegible] (Magicicada) — [illegible]

[illegible] (periodical cicada) 13 [illegible] 17 [illegible] - [illegible]. [illegible]: [illegible] 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, [illegible] 12 [illegible] 13- [illegible] 17-[illegible]. [illegible], [illegible] - [illegible]. [illegible] 4–6 [illegible]. [illegible], [illegible], 17 [illegible].

[illegible]	[illegible]
[illegible]. [illegible], [illegible]. [illegible]. [illegible].	[illegible], [illegible]. [illegible]-[illegible]. [illegible], [illegible]. [illegible], [illegible].

[illegible]. [illegible] (The Hermit Crab) — [illegible] (Paguroidea)

[illegible] — [illegible], [illegible]. [illegible], [illegible]. [illegible], [illegible], [illegible]. [illegible]. [illegible]: [illegible], [illegible], [illegible].

[illegible]	[illegible] **(Hermit Crab).** [illegible]: * **[illegible]:** [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. * **[illegible] (Adaptability):** [illegible] [illegible] [illegible]. * **[illegible] (Acceptance and Letting Go):** [illegible] [illegible]. [illegible] [illegible] [illegible].
[illegible] [illegible] [illegible]. [illegible] [illegible]. [illegible], [illegible].	[illegible] — [illegible] [illegible] — [illegible]. [illegible]. [illegible]: [illegible] [illegible], [illegible]. [illegible] [illegible]. [illegible]; [illegible] [illegible] [illegible] [illegible].

VI. [illegible] — [illegible]

[illegible] [illegible] [illegible] [

VII. [illegible] - [illegible] [illegible] - [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

[redacted]	[redacted]
[redacted]	[redacted]

▒▒▒▒▒. ▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒ — ▒▒▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒

▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒ ▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒, V-▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒▒▒. ▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒: ▒▒▒▒ ▒▒▒▒▒▒▒▒▒ ▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒

[illegible] 4 — [illegible]

[illegible] — [illegible] **фарма**[illegible]. [illegible],
[illegible].

[illegible] [illegible] [illegible] [

		[illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible].
[illegible] [illegible] [illegible]	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible].

[illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible].

1. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 5 — [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] — [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible], [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] - [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible]?	[illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]?
[illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] '[illegible]' [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] 6 — [illegible]

[illegible] — [illegible] [illegible]. [illegible] [illegible]. [illegible]Something [illegible] [illegible].

[illegible] [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible]

[illegible]	[illegible]	[illegible]
[illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible].
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

	[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible].
[illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[redacted] — [redacted]

[redacted] — [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted].

[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]